

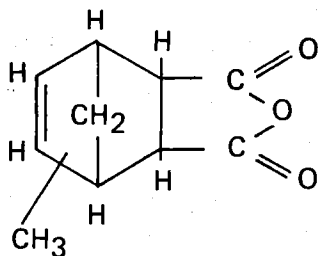
(DPM 1 70-2)



# Specialty Anhydrides

## NADIC<sup>®</sup> METHYL ANHYDRIDE

(methylbicyclo [2. 2. 1.] hept - 5 - ene - 2, 3 - dicarboxylic anhydride)



C<sub>10</sub>H<sub>10</sub>O<sub>3</sub> MW - 178.2

### SPECIFICATIONS

Physical Appearance . . . . .	very pale yellow liquid
Strength . . . . .	99.0% minimum
Nadic Methyl Acid . . . . .	1.0% maximum
Color, as is (Pt-Co standards). . . . .	75 maximum
Viscosity at 25°C . . . . .	175 to 225 centipoises

### TYPICAL PROPERTIES

Soluble in, at room temperature . . . . .	acetone, benzene, naphtha, xylene
Refractive Index, n <sub>D</sub> <sup>25</sup> . . . . .	1.505
Specific Gravity, d <sub>4</sub> <sup>15.4</sup> . . . . .	1.245
Flash Point . . . . .	135°C
(Cleveland Open Cup)	

SPECIALTY CHEMICALS DIVISION

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## USES

NADIC Methyl Anhydride is a liquid anhydride for curing epoxy resins. Cured resins have excellent electrical characteristics, high heat deflection temperatures and minimum shrinkage when cast.

## HANDLING AND STORAGE

Store NADIC Methyl Anhydride between the temperatures of 18°C (65°F) and 40°C (104°F) to avoid freezing, although the material is not affected by freezing. If material does freeze, thaw at a temperature below 40°C and mix well before using. Store in a dry place and keep container tightly closed to prevent absorption of atmospheric moisture or contamination. The presence of moisture could cause free acid to form in the anhydride.

## HEALTH HAZARDS

NADIC Methyl Anhydride is a hazardous material and should be handled with special care. It is irritating to the skin, and extremely irritating to the eyes. The vapors may cause asthmatic reactions in some sensitive individuals.

Avoid contact with skin, eyes and clothing. Wear splashproof goggles when handling even small quantities. Use only with adequate ventilation.

In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes; for eyes get medical attention at once. Wash contaminated clothing before reuse.

## PACKAGING

Drums:        15 gallons, 150 lbs. net  
              55 gallons, 500 lbs. net

Tank Truck

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